

=> d his

(FILE 'HOME' ENTERED AT 19:03:27 ON 21 DEC 2005)

FILE 'REGISTRY' ENTERED AT 19:03:35 ON 21 DEC 2005

L1               STRUCTURE UPLOADED

L2               0 S L1 SSS SAM

L3               10 S L1 SSS FULL

=> d his

(FILE 'HOME' ENTERED AT 18:04:11 ON 21 DEC 2005)

FILE 'REGISTRY' ENTERED AT 18:04:25 ON 21 DEC 2005

L1	STRUCTURE UPLOADED
L2	0 S L1 SSS SAM
L3	0 S L1 SSS FULL
L4	STRUCTURE UPLOADED
L5	0 S L4 SSS SAM
L6	0 S L4 SSS FULL
L7	STRUCTURE UPLOADED
L8	0 S L7 SSS SAM
L9	0 S L7 SSS FULL
L10	STRUCTURE UPLOADED
L11	4 S L10 SSS SAM
L12	72 S L10 SSS FULL

FILE 'CAPLUS, MEDLINE' ENTERED AT 18:19:25 ON 21 DEC 2005

L13	0 S L12 AND NANOSCALE?
L14	0 S L12 AND AGGREGATE?
L15	1 S L12 AND HYDROCARBON?
L16	11 S L12 AND ALKYL
L17	5 S L12 AND CHAIN?
L18	1 S L12 AND ALIPHATIC
L19	1 S L12 AND NANO?
L20	0 S L12 AND CARBOCYLIC?
L21	4 S L12 AND BENZENE?

=> end

=> d his

(FILE 'HOME' ENTERED AT 18:04:11 ON 21 DEC 2005)

FILE 'REGISTRY' ENTERED AT 18:04:25 ON 21 DEC 2005

L1		STRUCTURE UPLOADED
L2	0	S L1 SSS SAM
L3	0	S L1 SSS FULL
L4		STRUCTURE UPLOADED
L5	0	S L4 SSS SAM
L6	0	S L4 SSS FULL
L7		STRUCTURE UPLOADED
L8	0	S L7 SSS SAM
L9	0	S L7 SSS FULL
L10		STRUCTURE UPLOADED
L11	4	S L10 SSS SAM
L12	72	S L10 SSS FULL

FILE 'CAPLUS, MEDLINE' ENTERED AT 18:19:25 ON 21 DEC 2005

L13	0	S L12 AND NANOSCALE?
L14	0	S L12 AND AGGREGATE?
L15	1	S L12 AND HYDROCARBON?
L16	11	S L12 AND ALKYL
L17	5	S L12 AND CHAIN?
L18	1	S L12 AND ALIPHATIC
L19	1	S L12 AND NANO?
L20	0	S L12 AND CARBOCYLIC?
L21	4	S L12 AND BENZENE?

=> end

=>

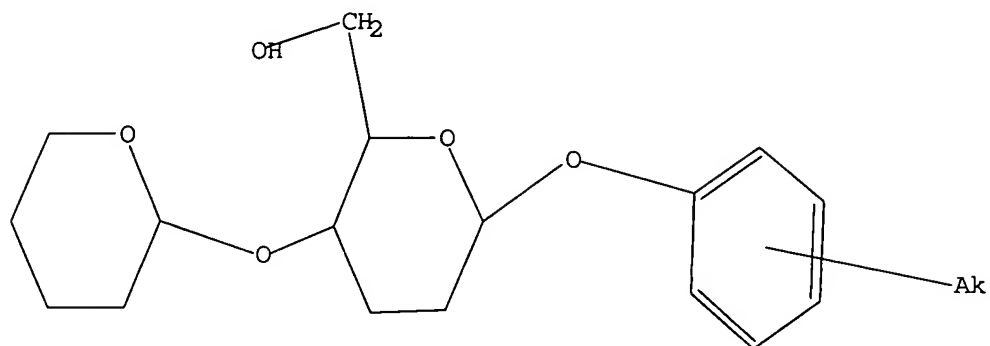
Uploading C:\Program Files\Stnexp\Queries\Nanoscale-124-a.str

L1 STRUCTURE UPLOADED

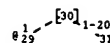
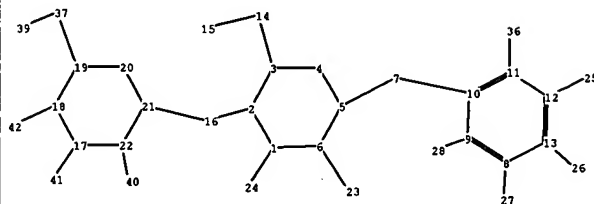
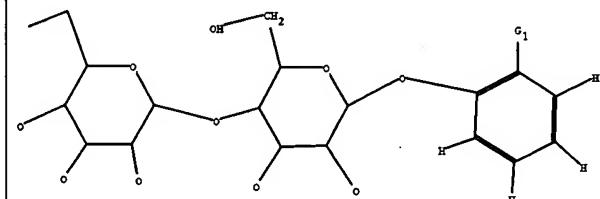
=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.



chain nodes :

7 14 15 16 23 24 25 26 27 28 29 30 31 36 37 39 40 41 42

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 13 17 18 19 20 21 22

chain bonds :

1-24 2-16 3-14 5-7 6-23 7-10 8-27 9-28 11-36 12-25 13-26 14-15 16-21 17-41  
18-42 19-37 22-40 29-30 30-31 37-39

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13 17-18 17-22 18-19  
19-20 20-21 21-22

exact/norm bonds :

1-2 1-6 1-24 2-3 2-16 3-4 4-5 5-6 5-7 6-23 7-10 11-36 16-21 17-18 17-22  
17-41 18-19 18-42 19-20 20-21 21-22 22-40 29-30 30-31

exact bonds :

3-14 8-27 9-28 12-25 13-26 14-15 19-37 37-39

normalized bonds :

8-9 8-13 9-10 10-11 11-12 12-13

G1: Ph, o-C6H4, m-C6H4, p-C6H4, [\*1]

Match level :

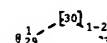
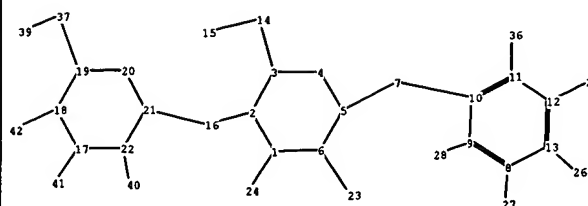
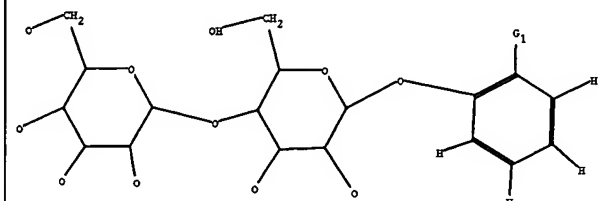
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom  
12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom 20:Atom  
21:Atom 22:Atom 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS  
30:CLASS 31:CLASS 36:CLASS 37:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS

=> d his

(FILE 'HOME' ENTERED AT 18:04:11 ON 21 DEC 2005)

FILE 'REGISTRY' ENTERED AT 18:04:25 ON 21 DEC 2005

L1	STRUCTURE UPLOADED
L2	0 S L1 SSS SAM
L3	0 S L1 SSS FULL



chain nodes :

7 14 15 16 23 24 25 26 27 28 29 30 31 36 37 39 40 41 42

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 13 17 18 19 20 21 22

chain bonds :

1-24 2-16 3-14 5-7 6-23 7-10 8-27 9-28 11-36 12-25 13-26 14-15 16-21 17-41  
18-42 19-37 22-40 29-30 30-31 37-39

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13 17-18 17-22 18-19  
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exact/norm bonds :

1-2 1-6 1-24 2-3 2-16 3-4 4-5 5-6 5-7 6-23 7-10 11-36 16-21 17-18 17-22  
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exact bonds :

3-14 8-27 9-28 12-25 13-26 14-15 19-37 37-39

normalized bonds :

8-9 8-13 9-10 10-11 11-12 12-13

G1:Ph,o-C6H4,m-C6H4,p-C6H4, [\*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom  
12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom 20:Atom  
21:Atom 22:Atom 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS  
30:CLASS 31:CLASS 36:CLASS 37:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS

=> s l4 sss sam  
SAMPLE SEARCH INITIATED 18:08:35 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 1322 TO ITERATE

100.0% PROCESSED 1322 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 24259 TO 28621  
PROJECTED ANSWERS: 0 TO 0

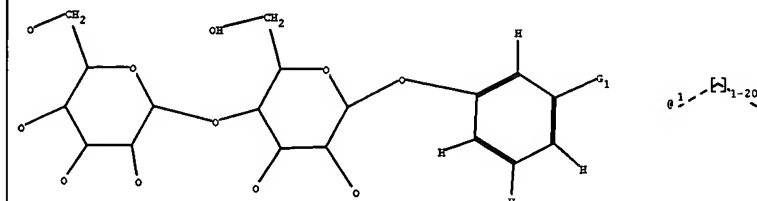
L5 0 SEA SSS SAM L4

=> s l4 sss full  
FULL SEARCH INITIATED 18:08:41 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 26987 TO ITERATE

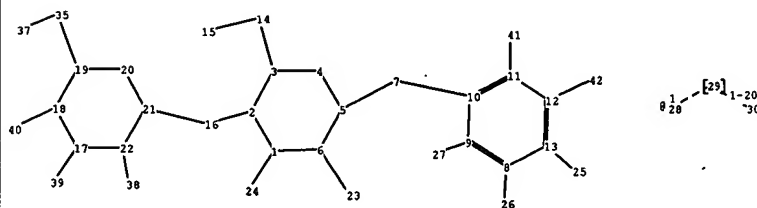
100.0% PROCESSED 26987 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L6 0 SEA SSS FUL L4





0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42

chain nodes :

7 14 15 16 23 24 25 26 27 28 29 30 35 37 38 39 40 41 42

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 13 17 18 19 20 21 22

chain bonds :

1-24 2-16 3-14 5-7 6-23 7-10 8-26 9-27 11-41 12-42 13-25 14-15 16-21 17-39  
18-40 19-35 22-38 28-29 29-30 35-37

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13 17-18 17-22 18-19  
19-20 20-21 21-22

exact/norm bonds :

1-2 1-6 1-24 2-3 2-16 3-4 4-5 5-6 5-7 6-23 7-10 12-42 16-21 17-18 17-22  
17-39 18-19 18-40 19-20 20-21 21-22 22-38 28-29 29-30

exact bonds :

3-14 8-26 9-27 11-41 13-25 14-15 19-35 35-37

normalized bonds :

8-9 8-13 9-10 10-11 11-12 12-13

G1:Ph,o-C6H4,m-C6H4,p-C6H4,[\*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom  
12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom 20:Atom  
21:Atom 22:Atom 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS  
30:CLASS 35:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS

=> s 17 sss sam  
SAMPLE SEARCH INITIATED 18:11:06 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 1118 TO ITERATE

100.0% PROCESSED 1118 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 20355 TO 24365  
PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7

=> s 17 sss full  
FULL SEARCH INITIATED 18:11:12 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 22812 TO ITERATE

100.0% PROCESSED 22812 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L9 0 SEA SSS FUL L7

=> s 123 sss

SAMPLE SEARCH INITIATED 11:54:21 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 461 TO ITERATE

100.0% PROCESSED 461 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 7932 TO 10508

PROJECTED ANSWERS: 0 TO 0

L24 0 SEA SSS SAM L23

=> s 123 sss full

FULL SEARCH INITIATED 11:54:31 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 9427 TO ITERATE

100.0% PROCESSED 9427 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L25 0 SEA SSS FUL L23